

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER GORDON CREEK NE-32-13-8
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT WILDCAT
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR GORDON CREEK, LLC		7. OPERATOR PHONE 403 453-1608
8. ADDRESS OF OPERATOR 1179 E Main #345, Price, UT, 84501		9. OPERATOR E-MAIL rironside@thunderbirdenergy.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Sec 31+32 Fee Lease	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		13. NAME OF SURFACE OWNER (if box 12 = 'fee') Mark Jacobs
14. SURFACE OWNER PHONE (if box 12 = 'fee') 801-226-3407		15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 914 East 300 North, Orem, UT 84097
16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')
18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1580 FNL 2398 FEL	SWNE	32	13.0 S	8.0 E	S
Top of Uppermost Producing Zone	1580 FNL 2398 FEL	SWNE	32	13.0 S	8.0 E	S
At Total Depth	1580 FNL 2398 FEL	SWNE	32	13.0 S	8.0 E	S

21. COUNTY CARBON	22. DISTANCE TO NEAREST LEASE LINE (Feet) 1580	23. NUMBER OF ACRES IN DRILLING UNIT 40
24. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1515	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1515	26. PROPOSED DEPTH MD: 4401 TVD: 4401
27. ELEVATION - GROUND LEVEL 7469	28. BOND NUMBER RLB0010790	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 91-5193

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	11	8.625	0 - 450	24.0	J-55 ST&C	8.7	Class G	212	1.142	15.84
PROD	7.875	5.5	0 - 4401	17.0	N-80 LT&C	10.0	Class G	382	2.69	10.7

ATTACHMENTS

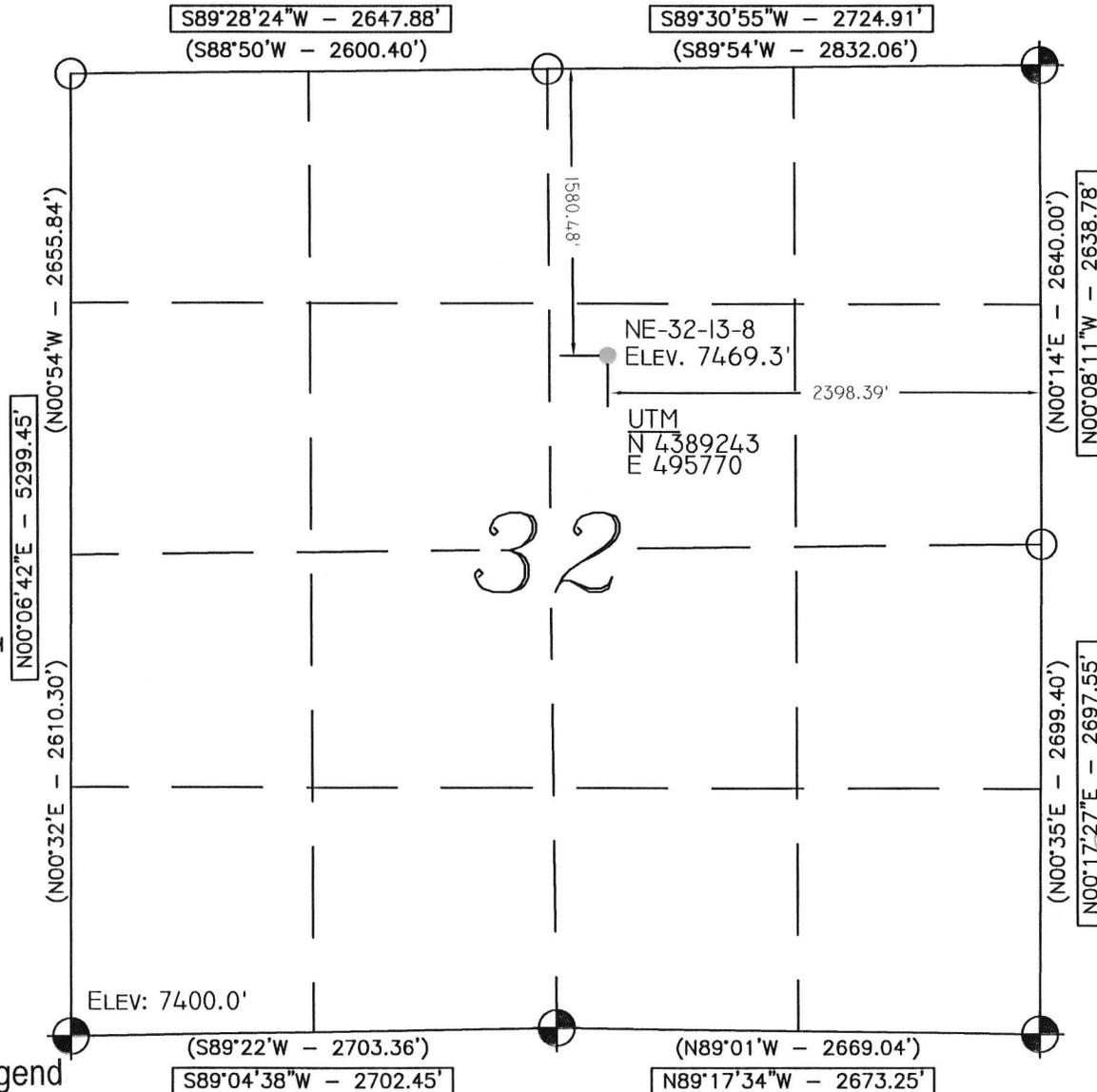
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Barry Brumwell	TITLE Vice President-Operations	PHONE 403 453-1608
SIGNATURE	DATE 09/26/2011	EMAIL bbrumwell@thunderbirdenergy.com
API NUMBER ASSIGNED 43007502450000	APPROVAL  Permit Manager	

Range 8 East

Township 13 South



Location:
The well location was determined using a Trimble 5700 GPS survey grade unit.

Basis of Bearing:
The Basis of Bearing is GPS Measured.

GLO Bearing:
The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

Basis of Elevation:
Basis of Elevation of 7400.00' being at the Southwest Section Corner of Section 32, Township 13 South, Range 8 East, Salt Lake Base and Meridian, as shown on the Jump Creek Quadrangle 7.5 minute series map.

Description of Location:
Proposed Drill Hole located in the SW/4 NE/4 of Section 32, T13S, R8E, S.L.B.&M., being South 1580.48' from North Line and West 2398.39' from East Line of Section 32, T13S, R8E, Salt Lake Base and Meridian.

Surveyor's Certificate:
I, John S. Huefner, a Professional Land Surveyor, holding Certificate No. 144842 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.





TALON RESOURCES, INC.
615 North 400 East P.O. Box 1230
Huntington, Utah 84528
Phone (435)687-5310 Fax (435)687-5311
E-Mail talonsetv.net



THUNDERBIRD
ENERGY

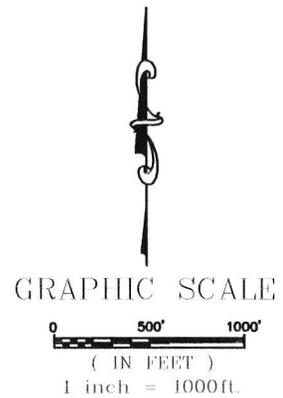
NE-32-13-8
Section 32, T13S, R8E, S.L.B.&M.
Carbon County, Utah

- Legend**
- Drill Hole Location
 - ⊕ Brass Cap (Found)
 - Stone (Found)
 - △ Calculated Corner
 - () GLO
 - GPS Measured

NOTES:

- Dimensions are GPS measured unless noted otherwise.
- UTM and Latitude / Longitude Coordinates are derived using a GPS Pathfinder and are shown in NAD 27 Datum.

LAT / LONG
39°39'17.488" N
111°02'57.511" W



Drawn By: N. BUTKOVICH	Checked By: A.P.C./J.S.H.
Drawing No. A-1	Date: 8/17/11
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 4880

